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Title: Universal Primer Sequence For Multiplex DNA Amplification
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ABSTRACT**UNIVERSAL PRIMER SEQUENCE FOR MULTIPLEX DNA AMPLIFICATION**

5 The present invention provides primers that allow simultaneous amplification of multiple DNA target sequences present in a DNA sample. Further provided are methods for detecting multiple defined target DNA sequences in a DNA sample. Methods for high-throughput genetic screening are also provided. In yet another aspect, the present invention provides single-stranded oligonucleotide DNA primers for amplification of a target DNA sequence in a multiplex polymerase chain reaction.

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